

Preliminary Data Gap Analysis
Pebble Project Environmental Impact Statement

Resource: Vegetation			
Project Component	Analysis Component	Description	Data Recommendations
Natural Gas Pipeline	Affected Environment and Effects Analysis	The mapping areas from the 2004-2008 baseline studies do not appear to cover all of the current project components. The GIS data indicates the only gap appears to be on the Kenai Peninsula where the Natural Gas Pipeline ties in.	Verify if there is additional vegetation mapping from the 2009-2013 baseline studies that are mentioned in the PLP Project Description. If not, additional vegetation surveys may be warranted to fill the gap. This information is needed for consistent use of mapping for the entire project area; for both the Affected Environment and Environmental Consequences analyses.
All Components	Affected Environment and Environmental Consequences	The search area for rare vascular plants appears to cover the entire project area but it is dated (from 2006). An updated data request from the Alaska Center for Conservation Science (ACCS) (formally the Alaska Natural Heritage Program) will be conducted by AECOM. Rare vascular plant and invasive species observations were not identified in all study years, do not cover the entire project area and many are unverified reports (i.e., if no voucher	Provide any additional rare plant data that may have been collected past 2006 that is not available from ACCS. Provide any additional invasive plant data that may have been collected past 2006 that is not available from the Alaska Exotic Plant Information Clearinghouse (AKEPIC) managed by ACCS.

		specimens or diagnostic photographs were obtained, plant identification could not be officially confirmed).	
--	--	---	--

Data Reviewed

1. Pebble Project Environmental Baseline Document 2004 through 2008, Chapters 13, Vegetation, Bristol Bay Drainages
2. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 16, Wildlife and Habitat, Bristol Bay Drainages
3. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 17, Threatened and Endangered Species and Species of Conservation Concern, Bristol Bay Drainages
4. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 38, Vegetation, Cook Inlet Drainages
5. Pebble Project Environmental Baseline Document 2004 through 2008, Chapter 45, Threatened and Endangered Species and Species of Conservation Concern, Cook Inlet Drainages

GIS and Data Requests

1. Location point data (or vegetation plot data) for observations locations of rare vascular plants and invasive plant species from the wetlands/vegetation environmental baseline studies. There are summary tables with location information for rare plant species for the 2004-2008 EBS but we don't have this for any surveys conducted after 2008.
2. GIS data for the aggregated vegetation structure types (10 types) or the crosswalk used to group the 45-47 Project Vegetation Types into the 10 vegetation structure types (10).